PORTAL
USPTO

Search: ● The ACM Digital Library   ○ The Guide

Qos and preallocation

SEARCH

THE ACM DIGITAL LIBRARY

✼ Feedback

Qos and reservation and protocol
Terms used:
Qos reservation protocol

Found **786** of 246,218

Sort results by   relevance

Display results   expanded form

◆ Save results to a Binder

☐ Open results in a new window

Refine these results with Advanced Search
Try this search in The ACM Guide

Results 1 - 20 of 786 Result page: 1   2   3   4   5   6   7   8   9   10   next >>

1   Grid capacity planning with negotiation-based advance reservation for optimized QoS
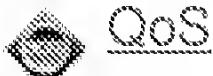
Mumtaz Siddiqui, Alex Villazón, Thomas Fahringer
November 2006   SC '06: Proceedings of the 2006 ACM/IEEE conference on Supercomputing
Publisher: ACM

Full text available: 📄 pdf(341.42 KB) 📄 html(2.28 KB)   Additional Information: full citation, abstract, references, index terms

Bibliometrics: Downloads (6 Weeks): 19,   Downloads (12 Months): 203,   Citation Count: 1

Advance reservation of Grid resources can play a key role in enabling Grid middleware to deliver on-demand resource provision with significantly improved Quality-of-Service (QoS). However, in the Grid, advance reservation has been largely ignored due ...

Keywords: advance reservation, capacity planning, grid resource allocation, negotiation

2 Design and analysis of low-power access protocols for wireless and mobile ATM networks

Krishna M. Sivalingam, Jyh-Cheng Chen, Prathima Agrawal, Mani B. Srivastava
January   Wireless Networks,   Volume 6 Issue 1
2000
Publisher: Kluwer Academic Publishers
Full text available: pdf(233.13 KB)   Additional Information: full citation, abstract, references, cited by, index terms

Bibliometrics: Downloads (6 Weeks): 5, Downloads (12 Months): 53, Citation Count: 9

This paper describes the design and analysis of a low‐power medium access control (MAC) protocol for wireless/mobile ATM networks. The protocol – denoted EC‐MAC (energy conserving medium access control) – is …

3 Comparative analysis of wireless ATM channel access protocols supporting multimedia traffic

Jyh-Cheng Chen, Krishna M. Sivalingam, Raj Acharya
September   Mobile Networks and Applications,   Volume 3 Issue 3
1998
Publisher: Kluwer Academic Publishers
Full text available: pdf(256.73 KB)   Additional Information: full citation, abstract, references, cited by, index terms

Bibliometrics: Downloads (6 Weeks): 2, Downloads (12 Months): 46, Citation Count: 2

Extension of multimedia services and applications offered by ATM networks to wireless and mobile users has captured a lot of recent research attention. Research prototyping of wireless ATM networks is currently underway at many leading research and academic …

4 UPCF: a new point coordination function with QoS and power management for multimedia over wireless LANs

Zi-Tsan Chou, Ching-Chi Hsu, Shin-Neng Hsu
August   IEEE/ACM Transactions on Networking (TON),   Volume 14 Issue 4
2006
Publisher: IEEE Press
Full text available: pdf(1.38 MB)   Additional Information: full citation, abstract, references, index terms

Bibliometrics: Downloads (6 Weeks): 14, Downloads (12 Months): 105, Citation Count: 0

In this paper, we propose a new novel polling-based medium access control protocol, named UPCF (Unified Point Coordination Function), to provide power conservation and quality-of-service (QoS) guarantees for multimedia applications over wireless local ...

Keywords: IEEE 802.11, medium access control (MAC), multimedia, point coordination function (PCF), power management, quality of service (QoS)

5 RSVP extensions for real-time services in hierarchical mobile IPv6

Nen-Fu Huang, Whai-En Chen
December 2003 Mobile Networks and Applications, Volume 8 Issue 6
Publisher: Kluwer Academic Publishers

Full text available: pdf(416.82 KB)   Additional Information: full citation, abstract, references, index terms

Bibliometrics: Downloads (6 Weeks): 10, Downloads (12 Months): 73, Citation Count: 1

The Mobile IPv6 (MIPv6) provides many great features, such as sufficient addressing space, mobility, and security; MIPv6 is one of the most important protocols for next generation mobile Internet. Simultaneously, with the rapid improvement of wireless ...

Keywords: QoS and real-time services, RSVP, hierarchical MIPv6

6 CEQMM: a complete and efficient quality of service model for MANETs

Hakim Badis, Khaldoun Al Agha
October 2006   PE-WASUN '06: Proceedings of the 3rd ACM international workshop on Performance evaluation of wireless ad hoc, sensor and ubiquitous networks
Publisher: ACM

Full text available: pdf(191.92 KB)   Additional Information: full citation, abstract, references, index terms

Bibliometrics: Downloads (6 Weeks): 8, Downloads (12 Months): 84, Citation Count: 0

This paper specifies CEQMM, a Complete and Efficient Quality of Service (QoS) Model for MANETs which combines the positive aspects of both IntServ and DiffServ. It uses a hybrid per-flow and per-class provisioning scheme. In such a scheme, QoS traffic ...

Keywords: DiffServ, IntServ, QoS model, wireless ad hoc networks

7 An efficient RSVP-mobile IP interworking scheme

Sarantis Paskalis, Alexandros Kaloxylos, Evangelos Zervas, Lazaros Merakos
June 2003 Mobile Networks and Applications, Volume 8 Issue 3
Publisher: Kluwer Academic Publishers

Full text available: pdf(211.33 KB)

Additional Information: full citation, abstract, references, index terms

Bibliometrics: Downloads (6 Weeks): 5, Downloads (12 Months): 112, Citation Count: 1

During the past years, several attempts have been made to develop functionality for mobility management support and QoS provision in the realm of the IP networks. Since IP was not designed to support such functionality, new protocols have been specified ...

Keywords: QoS, RSVP, mobile IP, mobility management

8 Integrated service mobile internet: RSVP over mobile IPv4&6

Shing-Jiuan Leu, Ruay-Shiung Chang
December 2003 Mobile Networks and Applications, Volume 8 Issue 6
Publisher: Kluwer Academic Publishers

Full text available: pdf(200.38 KB)

Additional Information: full citation, abstract, references, index terms

Bibliometrics: Downloads (6 Weeks): 13, Downloads (12 Months): 63, Citation Count: 0

While the Internet keeps its penetration into every facet of life and every corner of the globe, two things stand out. One is the hunger for high quality of services to convey audio and video data. The other is the desire for ubiquitous connections. ...

Keywords: mobile internet protocol, quality of service, resource reSerVation protocol

9 MPICH-GQ: quality-of-service for message passing programs

Alain J. Roy, Ian Foster, William Gropp, Brian Toonen, Nicholas Karonis, Volker Sander
November 2000 Supercomputing '00: Proceedings of the 2000 ACM/IEEE conference on Supercomputing (CDROM)
Publisher: IEEE Computer Society

Full text available: pdf(140.75 KB) Publisher Site

Additional Information: full citation, abstract, references, cited by, index terms

Bibliometrics: Downloads (6 Weeks): 2, Downloads (12 Months): 13, Citation Count: 3

Parallel programmers typically assume that all resources required for a program's execution are dedicated to that purpose. However, in local and wide area networks, contention for shared networks, CPUs, and I/O systems can result in significant variations ...

Keywords: MPI, Quality of Service, Differentiated Services, TCP

10 QoS-aware multicasting in DiffServ domains

Zhi Li, Prasant Mohapatra
October   ACM SIGCOMM Computer Communication Review,   Volume 34 Issue 5
2004
Publisher: ACM

Full text available: pdf(674.45 KB)   Additional Information: full citation, abstract, references

Bibliometrics: Downloads (6 Weeks): 6,   Downloads (12 Months): 40,   Citation Count: 0

QoS-aware multicasting is becoming more and more desirable with the expanding usage of group-based applications, especially those involving multimedia objects. Until now, most of the proposed QoS-aware multicasting routing protocols adopt per-flow based ...

Keywords: QMD, QoS-aware multicast routing, differentiated services (DiffServ), multicasting

11 A 802.11 based slotted dual-channel reservation MAC protocol for in-building multi-hop networks

Jing Zhu, Sumit Roy
October   Mobile Networks and Applications,   Volume 10 Issue 5
2005
Publisher: Kluwer Academic Publishers

Full text available: pdf(1.23 MB)   Additional Information: full citation, abstract, references, index terms

Bibliometrics: Downloads (6 Weeks): 4,   Downloads (12 Months): 72,   Citation Count: 0

In this paper, we propose a novel slotted Dual-Channel Reservation (DCR) MAC protocol that uses 802.11 primitives for providing both Quality of Service (QoS) and fairness. RTS/CTS handshaking is transmitted on a separated control channel to prevent successive ...

Keywords: IEEE 802.11 protocol, QoS, fairness, media access control

12 Dynamic QoS allocation for multimedia ad hoc wireless networks

Hsiao-Kuang Wu, Pei-Hung Chuang
August 2001 Mobile Networks and Applications,   Volume 6 Issue 4
Publisher: Kluwer Academic Publishers

Full text available: pdf(188.68 KB)   Additional Information: full citation, abstract, references, index terms

Bibliometrics: Downloads (6 Weeks): 8,   Downloads (12 Months): 94,   Citation Count: 0

In this paper, we propose an approach to support QoS for multimedia applications in ad hoc wireless network. An ad hoc network is a collection of mobile stations forming a temporary network without the aid of any centralized coordinator and is different ...

13 Extended performance evaluation of PRADOS: a scheduling algorithm for traffic integration in a wireless ATM network

G. Colombo, L. Lenzini, E. Mingozzi, B. Cornaglia, R. Santaniello
March   Wireless Networks,   Volume 8 Issue 2/3
2002
Publisher: Kluwer Academic Publishers

Full text available: pdf(231.85 KB)   Additional Information: full citation, abstract, references, index terms

Bibliometrics: Downloads (6 Weeks): 1,   Downloads (12 Months): 15,   Citation Count: 1

The MAC protocol, known as MASCARA (Mobile Access Scheme based on Contention And Reservation for ATM), is an infrastructure-based, adaptive TDMA scheme, which combines reservation- and contention-based access methods to provide multiple access efficiency ...

Keywords: Quality-of-Service, WLAN, packet scheduling, service integration, wireless LAN

14 HO-RSVP: a protocol providing QoS support for seamless handover between wireless networks

Shouwen Lai, Yuanchen Ma, Hui Deng
October   Q2SWinet '06: Proceedings of the 2nd ACM international workshop on
2006   Quality of service & security for wireless and mobile networks
Publisher: ACM

Full text available: pdf(669.39 KB)   Additional Information: full citation, abstract, references, index terms

Bibliometrics: Downloads (6 Weeks): 6,   Downloads (12 Months): 79,   Citation Count: 0

RSVP is basically designed for fixed networks and does not provide mobility support. In order to provide QoS support for mobility in a wireless environment, we present a new resource reservation protocol for seamless handover. HO-RSVP integrates with ...

Keywords: HO-RSVP, QoS, RSVP, handover, mobile IPv4

15 A mobility monitoring based advance reservation protocol

Ian Featherstone, Ning Zhang
October   Q2SWinet '06: Proceedings of the 2nd ACM international workshop on
2006   Quality of service & security for wireless and mobile networks
Publisher: ACM

Full text available: pdf(358.09 KB)   Additional Information: full citation, abstract, references, index terms

Bibliometrics: Downloads (6 Weeks): 4,   Downloads (12 Months): 60,   Citation Count: 0

Future wireless cellular networks will be Internet Protocol (IP) based. Users of wireless devices in these networks will expect to run real-time applications that require guarantees of Quality of Service (QoS). Such a user will expect the same seamless ...

Keywords: cellular, hybrid, mobile, multimedia, network, quality of service, wireless

16 Towards a versatile transport protocol

Guillaume Jourjon, Emmanuel Lochin, Patrick Sénac
December 2006 CoNEXT '06: Proceedings of the 2006 ACM CoNEXT conference
Publisher: ACM

Full text available: pdf(77.42 KB)   Additional Information: full citation, abstract, references, index terms

Bibliometrics: Downloads (6 Weeks): 0, Downloads (12 Months): 0, Citation Count: 0

In the context of a reconfigurable transport protocol, this paper introduces two protocol instances based on the composition and specialisation of the TFRC congestion control and Selective Acknowledgment mechanisms. The two resulting transport architectures ...

Keywords: QoS-enabled networks, SACK, TFRC, mobile devices, transport protocol

17 Continuous media communication with dynamic QOS control using ARTS with an FDDI network

Hideyuki Tokuda, Yoshito Tobe, Stephen T.-C. Chou, José M. F. Moura
October   ACM SIGCOMM Computer Communication Review, Volume 22 Issue 4
1992
Publisher: ACM

Full text available: pdf(1.04 MB)   Additional Information: full citation, abstract, references, cited by, index terms

Bibliometrics: Downloads (6 Weeks): 7, Downloads (12 Months): 28, Citation Count: 8

Continuous media communication requires timely delivery of data such as digital video and audio packets. Quality of Service (QOS) parameters specify the temporal and spatial characteristic of such continuous media data. To insure timely delivery of continuous ...

18 Continuous media communication with dynamic QOS control using ARTS with an FDDI network

Hideyuki Tokuda, Yoshito Tobe, Stephen T.-C. Chou, José M. F. Moura
October 1992   SIGCOMM '92: Conference proceedings on Communications architectures & protocols
Publisher: ACM

Full text available: pdf(1.04 MB)   Additional Information: full citation, abstract, references, cited by, index terms

Bibliometrics: Downloads (6 Weeks): 7,   Downloads (12 Months): 28,   Citation Count: 8

Continuous media communication requires timely delivery of data such as digital video and audio packets. Quality of Service (QOS) parameters specify the temporal and spatial characteristic of such continuous media data. To insure timely delivery of continuous ...

19 Performance Analysis for Ad Hoc QoS Routing Protocols

Irina Gerasimov, Robert Simon
October 2002   MobiWac '02: Proceedings of the International Workshop on Mobility and Wireless Access
Publisher: IEEE Computer Society

Full text available: Publisher Site   Additional Information: full citation, abstract, cited by

Bibliometrics: Downloads (6 Weeks): n/a,   Downloads (12 Months): n/a,   Citation Count: 2

One of the major challenges faced by designers of ad hoc network systems is the deployment of end-to-end quality-of-service support mechanisms. This paper presents a comprehensive performance analysis and comparison of two QoS-enhanced Ad Hoc network ...

20 Architecture and experimental results for quality of service in mobile networks using RSVP and CBQ

Indu Mahadevan, Krishna M. Sivalingam
May 2000   Wireless Networks,   Volume 6 Issue 3
Publisher: Kluwer Academic Publishers

Full text available: pdf(262.65 KB)   Additional Information: full citation, abstract, references, cited by, index terms

Bibliometrics: Downloads (6 Weeks): 1,   Downloads (12 Months): 34,   Citation Count: 4

Efforts are underway to enhance the Internet with Quality of Service (QoS) capabilities for transporting real‐time data. The issue of wireless networks and mobile hosts being able to support applications that require QoS has become very ...

Results 1 - 20 of 786 Result page: 1 2 3 4 5 6 7 8 9 10 next >>

The ACM

Portal is published by the Association for Computing Machinery. Copyright © 2008 ACM, Inc.

Terms of Usage   Privacy Policy   Code of Ethics   Contact Us

Useful downloads: Adobe Acrobat   QuickTime   Windows Media Player   Real Player